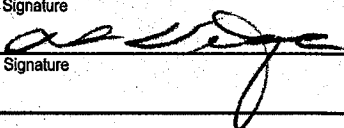



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>WAD080738546</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>See Block 14 below</b>	4. Manifest Tracking Number <b>003760815 JJK</b>		
5. Generator's Name and Mailing Address <b>Alaskan Copper Works 3200 Sixth Avenue South Seattle, WA 98124</b> Generator's Phone: <b>206 382 8270</b>					Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name <b>Diversified Transportation Inc.</b>					U.S. EPA ID Number <b>AZD00035717</b>		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>World Resources Company 8113 West Sherman Street Tolleson, AZ 85353</b> Facility's Phone: <b>(602) 233-0188</b>					U.S. EPA ID Number <b>AZD980735500</b>		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<b>X</b>	<b>1. RQ, NA3077, Hazardous waste, solid, n.o.s. (F008), 9, III</b>	<b>001</b>	<b>CF</b>	<b>1394</b>	<b>P</b>	<b>F008</b>
		<b>2.</b>					
		<b>3.</b>					
		<b>4.</b>					
14. Special Handling Instructions and Additional Information  <b>EMERGENCY CONTACT</b> <b>Call INFOTRAC at: 1-800-535-5053</b> <b>Use company name "World Resources Company"</b>  <b>M123504</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Nicholas Lingau</b>		Signature 		Month Day Year <b>09 28 09</b>		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H030</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Karl Gillum</b>				Signature 		Month Day Year <b>10 05 09</b>	

WORLD RESOURCES

11:09AM 10/05/2009

GROSS 1393 lb

TARE 77 lb

NET 1316 lb

ACCUM 1316 lb

10/05/2009 11:09AM

Total 1316 lb = 0.66 tons

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>WAD080738546</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>See Block 14 below</b>	4. Manifest Tracking Number <b>003760815 JJK</b>		
		5. Generator's Name and Mailing Address <b>Alaskan Copper Works 3200 Sixth Avenue South Seattle, WA 98124</b> Generator's Phone: <b>206-282-8370</b>					
6. Transporter 1 Company Name <b>Diversified Transportation Inc.</b>		Generator's Site Address (if different than mailing address)			U.S. EPA ID Number <b>AZD980735500</b>		
					7. Transporter 2 Company Name  U.S. EPA ID Number  		
8. Designated Facility Name and Site Address <b>World Resources Company 8113 West Sherman Street Tucson, AZ 85753</b> Facility's Phone: <b>(602) 233-0186</b>		U.S. EPA ID Number <b>AZD980735500</b>			9a. HM <b>X</b>		
					9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) <b>RQ, NA3077, Hazardous waste, solid, n.o.s. (F006), 9, III</b>		
10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
						<b>F006</b>	
14. Special Handling Instructions and Additional Information <b>M123504</b>		15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.		Signature  Month Day Year <b>01 20 09</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____		17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Nicholas Linger</b> Signature  Month Day Year <b>09 20 09</b>					
				Transporter 2 Printed/Typed Name  Signature  Month Day Year  			
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H030</b> 2. 3. 4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Day Year							



WORLD RESOURCES COMPANY

ARIZONA RECYCLING FACILITY

...in partnership with the environment®

**LDRN**

**LAND DISPOSAL RESTRICTION NOTICE**

A copy of this Notice must be retained by the generator for at least three (3) years pursuant to U.S. EPA regulations, 40 CFR §268.7(a)(8). Moreover, the generator should check the hazardous-waste regulations of its own state, because if there is a state analogue to the federal regulation, it may require longer retention time, such as five (5) years. It should also be noted that the federal regulation (and, typically, a state analogue as well) requires the retention period to be extended in specified cases.

**TO:** World Resources Company  
8113 West Sherman Street  
Tolleson, AZ 85353

**FROM:** Alaskan Copper Works  
(Company Name)  
3200 Sixth Avenue South  
(Address)  
Seattle, WA 98124  
(Phone)

**Manifest Number:** 003760815 JJK

**Date of Shipment:**

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268. The applicable Land Disposal Restriction Information is provided in accordance with 40 CFR §268.7(a)(2) and is shown below:

EPA Material Number	Treatability Group	CFR Reference for Treatment Standards
F006	Non-wastewater	40 CFR §268.40

(Signature)

Genald Thompson

(Printed Name)

Env. No. Ass't.

(Title)

# Material Safety Data Sheet

MSDS ID # AZ-10-F

F006 Recyclable Material (Filter Cake)

Recycler:

**World Resources Company**

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

November 2007 DLS

Call INFOTRAC only in the event of  
emergencies during shipping that

involve a spill, leak, fire or accident

(all calls are recorded)

For Emergencies During Shipping in  
the US or Canada, Day or Night,Call: **INFOTRAC 1.800.535.5053**

Reference Company Name:

"World Resources Company"

Outside the United States Call Collect:  
001-352-323-3500

## Section 1

## Material Identification

EPA Waste Classification: F006

Generic Name: Electroplating/Metal-Finishing Wastewater Treatment Sludge

Chemical Family: Metallic (Hydroxide) Precipitates

Synonym: Non-ferrous Metal Hydroxide Filter Cake

DOT Shipping Name: RQ, Hazardous waste solid, n.o.s. (F006)

DOT Hazard Class: 9

DOT Packing Group: III

DOT Identification Number: NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

## Section 2

## Hazardous Ingredients

Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 - 30	1.0 mg(Cu)/m <sup>3</sup> (Dust)	LD-50 1,000 mg/kg
Nickel Hydroxide	12054-48-7	0 - 15	1.0 mg(Ni)/m <sup>3</sup> (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 - 15	5.0 mg/m <sup>3</sup> (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 - 10	5.0 mg/m <sup>3</sup> (Dust)	LD-50 Not Determined

## Section 3

## Physical and Reactivity Data

Description: Solid, Clay-like, Gray/Green to Brown, Moisture ~ 30 - 80%	Density: 50 - 90 lbs/ft <sup>3</sup>	Boiling Point: Above 2,600°C
Specific Gravity: 2.5 to 3.5	Incompatible Reactivity: None Known	Melting Point: Above 1,800°C
Solubility: Insoluble in Water	Vapor Pressure: Insignificant	pH: 7.0 to 10.0 Odor: Nil
	Stability: Avoid Contact with Acids	Polymerization: Will Not Occur

## Section 4

## Fire and Explosion Data

Flashpoint: Nonflammable	Oxidation: Non-oxidizing
Special Firefighting Procedures: None	Explosive: Non-explosive
Decomposition (Due to Fire or Explosion): None	

NFPA  
Fire Diamond

## Section 5

## Toxicity

Listed Carcinogen Components: Nickel	Toxicology: See Sec. 2	Route of Entry: Inhalation, Ingestion
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## Section 6

## Health Effects and First Aid

Inhalation:	Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.
Ingestion:	Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.
Eyes:	Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.
Skin:	Dust may irritate skin with prolonged contact. Wash with soap and water.
Comments:	Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body systems - blood, digestive, respiratory, liver, kidneys and skin.

## Section 7

## Precautions for Safe Handling

Handling:	Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.
Storage:	Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid inhalation or ingestion. Store in a dry area under cover to protect from rain.
Spills:	Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to World Resources Company at the above address.

## Section 8

## Control Measures

Respiratory Protection:	NIOSH-MSHA approved respirators as required.	Eye Protection:	Safety glasses recommended.
Other Protective Equipment:	Coveralls are recommended, but not required.	Hand Protection:	Gloves recommended.

## Section 9

## Generator's Verification

This MSDS describes the material listed in the attached Manifest #:	003760815 JJK
Company Name:	Alaskan Copper Works
Company Address:	3200 Sixth Avenue South, Seattle, WA 98124
Telephone:	206-382-8379
Date:	9-28-09
Signature:	

AKC-0016316